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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants ) Manat MAOLINBAY et al.  
Application No. ) 10/646,107  
Filing Date ) August 22, 2003  
Title ) SAMPLING METHODS AND SYSTEMS THAT  
SHORTEN READOUT TIME AND REDUCE  
LAG IN AMORPHOUS SILICON FLAT PANEL  
X-RAY DETECTORS  
Examiner ) Otilia Gabor  
Art Unit ) 2878

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450 USA

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**AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION**

Dear Sir/Madam:

In response to the non-final Office Action mailed May 17, 2005, rejecting Claims 2-5, 7-10, 13-15, and 18-20 of the above-referenced Application, in which Claims 1-20 were pending, Applicants respectfully request that the following amendments be entered and remarks be considered. In view of these amendments and remarks, Applicants submit that the Application is now in condition for allowance and respectfully request such action.